

INTERNATIONAL SEARCH REPORT

Inventor's Application No
PCT/GB2004/004121

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C23C16/455

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C23C C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/033762 A (MICRON TECHNOLOGY, INC) 24 April 2003 (2003-04-24) the whole document	1,3-5,7, 9,10,13, 14, 16-18, 20,22, 23,26
A	EP 0 651 432 A (KIYOHARA, MASAKO) 3 May 1995 (1995-05-03) page 4, columns 45-51 page 5, lines 13-30 figure 1 ----- -/-	1-26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

24/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Castagné, C

INTERNATIONAL SEARCH REPORT

Int'l Application No
PC176B2004/004121

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO 03/087429 A (LEE, JUNG JOONG; LIM, JU WAN; LEE, SEUNG, HOON) 23 October 2003 (2003-10-23) page 8, lines 15-27 page 14; figure 2; table 2 -----	1-26
A	US 5 250 323 A (MIYAZAKI ET AL) 5 October 1993 (1993-10-05) the whole document -----	1-26

INTERNATIONAL SEARCH REPORT

Patent Application No
PCT/GB2004/004121

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03033762	A	24-04-2003	US 6461436 B1	08-10-2002
			US 2003070609 A1	17-04-2003
			US 2003070618 A1	17-04-2003
			EP 1444379 A1	11-08-2004
			JP 2005506446 T	03-03-2005
			WO 03033762 A1	24-04-2003
EP 0651432	A	03-05-1995	JP 3332053 B2	07-10-2002
			JP 7122498 A	12-05-1995
			CA 2134426 A1	28-04-1995
			DE 69417682 D1	12-05-1999
			DE 69417682 T2	05-01-2000
			EP 0651432 A1	03-05-1995
			KR 138609 B1	15-06-1998
			SG 45144 A1	16-01-1998
			US 5488967 A	06-02-1996
WO 03087429	A	23-10-2003	KR 2003079610 A	10-10-2003
			AU 2003235486 A1	27-10-2003
			DE 10392487 T5	17-02-2005
			WO 03087429 A1	23-10-2003
US 5250323	A	05-10-1993	JP 3146670 A	21-06-1991
			JP 6086661 B	02-11-1994
			DE 69010835 D1	25-08-1994
			DE 69010835 T2	08-12-1994
			EP 0426105 A1	08-05-1991
			KR 9407866 B1	26-08-1994